

| 24-INCH WATER MAIN ALONG NC HIGHWAY 115 | | | | 1 | | 2 | | 3 | | 4 | | 5 | | 6 | | 7 | |
|---|---|-------|----|----------------------------------|--------------|---|--------------|-------------------------------|--------------|--|--------------|---|--------------|---|--------------|---|--------------|
| | | | | R.H. Price, Inc. Matthews, NC | | Sanders Utility Construction Charlotte, NC | | Dellinger, Inc. Monroe, NC | | Propst Construction Company Concord, NC 28026 | | State Utility Contractors, Inc. Monroe, NC | | Cooper Construction Co., Inc. Hendersonville, NC | | Allied Resources, USA, Ltd. Huntersville, NC | |
| 1 | DUCTILE IRON WATER DISTRIBUTION PIPE, WITH PUSH-ON JOINTS | | | | | | | | | | | | | | | | |
| A | 24-INCH WATER MAIN PIPE (PRESSURE CLASS 250) | 5,661 | LF | \$92.00 | \$520,812.00 | \$77.50 | \$438,727.50 | \$86.00 | \$486,846.00 | \$96.00 | \$543,456.00 | \$112.00 | \$634,032.00 | \$120.00 | \$679,320.00 | \$84.42 | \$477,894.54 |
| B | 16-INCH WATER MAIN PIPE (PRESSURE CLASS 250), REGARDLESS OF DEPTH | 70 | LF | \$71.00 | \$4,970.00 | \$63.00 | \$4,410.00 | \$57.00 | \$3,990.00 | \$80.00 | \$5,600.00 | \$98.00 | \$6,860.00 | \$110.00 | \$7,700.00 | \$53.34 | \$3,733.65 |
| C | 12-INCH WATER MAIN PIPE (PRESSURE CLASS 350), REGARDLESS OF DEPTH | 40 | LF | \$60.00 | \$2,400.00 | \$53.00 | \$2,120.00 | \$46.00 | \$1,840.00 | \$50.00 | \$2,000.00 | \$88.00 | \$3,520.00 | \$93.00 | \$3,720.00 | \$41.93 | \$1,677.18 |
| D | 8-INCH WATER MAIN PIPE (PRESSURE CLASS 350), REGARDLESS OF DEPTH | 20 | LF | \$52.00 | \$1,040.00 | \$45.00 | \$900.00 | \$46.00 | \$920.00 | \$40.00 | \$800.00 | \$78.00 | \$1,560.00 | \$85.00 | \$1,700.00 | \$32.24 | \$644.82 |
| E | 6-INCH WATER MAIN PIPE (PRESSURE CLASS 350), REGARDLESS OF DEPTH | 207 | LF | \$48.00 | \$9,936.00 | \$42.00 | \$8,694.00 | \$35.00 | \$7,245.00 | \$34.00 | \$7,038.00 | \$74.00 | \$15,318.00 | \$84.00 | \$17,388.00 | \$28.55 | \$5,908.94 |
| 2 | VERTICAL ADJUSTMENTS TO THE PROPOSED 24-INCH WATER MAIN PROFILE | | | 865 | VLF | \$1.00 | \$865.00 | \$2.00 | \$1,730.00 | \$6.00 | \$5,190.00 | \$4.00 | \$3,460.00 | \$5.00 | \$4,325.00 | \$8.00 | \$6,920.00 |
| 3 | SUBSTITUTE RESTRAINED JOINT DUCTILE IRON PIPE (ADD ON TO ITEM 1) | | | | | | | | | | | | | | | | |
| A | 24-INCH WATER MAIN PIPE (PRESSURE CLASS 250) | 110 | LF | \$28.00 | \$3,080.00 | \$22.00 | \$2,420.00 | \$28.00 | \$3,080.00 | \$60.00 | \$6,600.00 | \$45.00 | \$4,950.00 | \$24.00 | \$2,640.00 | \$46.11 | \$5,071.86 |
| B | 16-INCH WATER MAIN PIPE (PRESSURE CLASS 250) | 50 | LF | \$16.00 | \$800.00 | \$12.00 | \$600.00 | \$18.00 | \$900.00 | \$30.00 | \$1,500.00 | \$38.00 | \$1,900.00 | \$14.00 | \$700.00 | \$26.48 | \$1,323.78 |
| C | 12-INCH WATER MAIN PIPE (PRESSURE CLASS 350) | 40 | LF | \$9.00 | \$360.00 | \$10.00 | \$400.00 | \$19.00 | \$760.00 | \$10.00 | \$400.00 | \$28.00 | \$1,120.00 | \$7.50 | \$300.00 | \$9.40 | \$375.86 |
| D | 8-INCH WATER MAIN PIPE (PRESSURE CLASS 350) | 20 | LF | \$6.00 | \$120.00 | \$6.00 | \$120.00 | \$8.00 | \$160.00 | \$10.00 | \$200.00 | \$22.00 | \$440.00 | \$5.00 | \$100.00 | \$6.28 | \$125.58 |
| E | 6-INCH WATER MAIN PIPE (PRESSURE CLASS 350) | 207 | LF | \$5.00 | \$1,035.00 | \$5.00 | \$1,035.00 | \$7.00 | \$1,449.00 | \$6.00 | \$1,242.00 | \$14.00 | \$2,898.00 | \$4.00 | \$828.00 | \$5.06 | \$1,046.64 |
| 4 | REPLACE EXISTING SANITARY SEWER 8-INCH DUCTILE IRON PIPE (PC 350) | | | 160 | LF | \$53.00 | \$8,480.00 | \$50.00 | \$8,000.00 | \$64.00 | \$10,240.00 | \$75.00 | \$12,000.00 | \$60.00 | \$9,600.00 | \$105.00 | \$16,800.00 |
| 5 | ADDITIONAL FITTINGS NOT INDICATED ON THE PLANS | | | 2,400 | LBS | \$2.50 | \$6,000.00 | \$4.00 | \$9,600.00 | \$6.00 | \$14,400.00 | \$3.50 | \$8,400.00 | \$3.70 | \$8,880.00 | \$5.00 | \$12,000.00 |
| 6 | DIRECT-BURY BUTTERFLY VALVES, INCLUDING VALVE BOXES AND CONCRETE PAD | | | | | | | | | | | | | | | | |
| A | 24" BUTTERFLY VALVE | 5 | EA | \$5,900.00 | \$29,500.00 | \$8,700.00 | \$43,500.00 | \$7,750.00 | \$38,750.00 | \$8,500.00 | \$42,500.00 | \$6,225.00 | \$31,125.00 | \$6,500.00 | \$32,500.00 | \$6,856.00 | \$34,280.00 |
| B | 16" BUTTERFLY VALVE | 1 | EA | \$3,300.00 | \$3,300.00 | \$4,871.00 | \$4,871.00 | \$5,210.00 | \$5,210.00 | \$4,400.00 | \$4,400.00 | \$3,700.00 | \$3,700.00 | \$4,000.00 | \$4,000.00 | \$4,211.47 | \$4,211.47 |
| 7 | 6" MAIN LINE GATE VALVE, INCLUDING VALVE BOX AND CONCRETE PAD | | | 2 | EA | \$650.00 | \$1,300.00 | \$1,000.00 | \$2,000.00 | \$880.00 | \$1,760.00 | \$1,200.00 | \$2,400.00 | \$800.00 | \$1,600.00 | \$745.00 | \$1,474.16 |
| 8 | VALVE EXTENSION STEMS | | | | | | | | | | | | | | | | |
| A | BASE STEM TO 5' IN LENGTH | 7 | EA | \$150.00 | \$1,050.00 | \$100.00 | \$700.00 | \$405.00 | \$2,835.00 | \$150.00 | \$1,050.00 | \$170.00 | \$1,190.00 | \$120.00 | \$840.00 | \$169.85 | \$1,188.97 |
| B | EXTRA LENGTH PER FOOT | 7 | VF | \$10.00 | \$70.00 | \$10.00 | \$70.00 | \$52.00 | \$364.00 | \$50.00 | \$350.00 | \$20.00 | \$140.00 | \$10.00 | \$70.00 | \$59.87 | \$419.07 |
| 9 | 2-INCH RED BRASS MANUAL AIR RELEASE VALVES ON 24-INCH PIPE | | | 4 | EA | \$1,200.00 | \$4,800.00 | \$1,227.00 | \$4,908.00 | \$4,020.00 | \$16,080.00 | \$1,250.00 | \$5,000.00 | \$1,550.00 | \$6,200.00 | \$1,464.49 | \$5,857.94 |
| 10 | 2-INCH RED BRASS OR DUCTILE IRON BLOW-OFFS | | | | | | | | | | | | | | | | |
| A | ON 16-INCH PIPE (INCLUDING THRUST RING PER STD. DTL. #10) | 1 | EA | \$750.00 | \$750.00 | \$1,229.00 | \$1,229.00 | \$2,500.00 | \$2,500.00 | \$4,000.00 | \$4,000.00 | \$1,825.00 | \$1,825.00 | \$1,320.00 | \$1,320.00 | \$5,106.25 | \$5,106.25 |
| 11 | FIRE HYDRANTS, INCLUDING HYDRANT LEGS AND 6" GATE VALVES | | | | | | | | | | | | | | | | |
| A | WITH SWIVEL TEE ON 24-INCH PIPE | 3 | EA | \$5,000.00 | \$15,000.00 | \$5,425.00 | \$16,275.00 | \$6,220.00 | \$18,660.00 | \$6,000.00 | \$18,000.00 | \$5,300.00 | \$15,900.00 | \$5,825.00 | \$17,475.00 | \$5,963.25 | \$17,889.76 |
| B | WITH SWIVEL TEE ON 6-INCH PIPE | 1 | EA | \$2,700.00 | \$2,700.00 | \$3,172.00 | \$3,172.00 | \$3,700.00 | \$3,700.00 | \$4,000.00 | \$4,000.00 | \$2,900.00 | \$2,900.00 | \$3,100.00 | \$3,100.00 | \$3,688.07 | \$3,688.07 |
| 12 | FIRE HYDRANT EXTENSIONS | | | 5 | VF | \$400.00 | \$2,000.00 | \$577.00 | \$2,885.00 | \$500.00 | \$2,500.00 | \$350.00 | \$1,750.00 | \$425.00 | \$2,125.00 | \$330.00 | \$1,650.00 |
| 13 | WATER SERVICES | | | | | | | | | | | | | | | | |
| A | COPPER TUBING (TYPE K) - OPEN CUT METHOD | | | | | | | | | | | | | | | | |
| 1 | 3/4-INCH TUBING | 10 | LF | \$20.00 | \$200.00 | \$10.00 | \$100.00 | \$30.00 | \$300.00 | \$50.00 | \$500.00 | \$22.00 | \$220.00 | \$20.00 | \$200.00 | \$20.64 | \$206.44 |
| 2 | 1-INCH TUBING | 10 | LF | \$21.00 | \$210.00 | \$11.00 | \$110.00 | \$32.00 | \$320.00 | \$55.00 | \$550.00 | \$24.00 | \$240.00 | \$21.00 | \$210.00 | \$22.19 | \$221.89 |
| B | COPPER TUBING (TYPE K) - PUNCH METHOD | | | | | | | | | | | | | | | | |
| 1 | 3/4-INCH TUBING | 10 | LF | \$30.00 | \$300.00 | \$30.00 | \$300.00 | \$48.00 | \$480.00 | \$80.00 | \$800.00 | \$40.00 | \$400.00 | \$32.00 | \$320.00 | \$68.14 | \$681.44 |
| 2 | 1-INCH TUBING | 10 | LF | \$31.00 | \$310.00 | \$31.00 | \$310.00 | \$50.00 | \$500.00 | \$85.00 | \$850.00 | \$42.00 | \$420.00 | \$35.00 | \$350.00 | \$69.69 | \$696.89 |
| C | WATER SERVICES INSTALLED AS PART OF THE MAIN LINE PIPE INSTALLATION | | | | | | | | | | | | | | | | |
| 1 | 3/4-INCH WATER SERVICES | 1 | EA | \$600.00 | \$600.00 | \$413.00 | \$413.00 | \$880.00 | \$880.00 | \$1,000.00 | \$1,000.00 | \$600.00 | \$600.00 | \$900.00 | \$900.00 | \$658.30 | \$658.30 |
| 2 | 1-INCH WATER SERVICES | 1 | EA | \$700.00 | \$700.00 | \$435.00 | \$435.00 | \$945.00 | \$945.00 | \$1,100.00 | \$1,100.00 | \$750.00 | \$750.00 | \$1,000.00 | \$1,000.00 | \$768.22 | \$768.22 |
| D | WATER SERVICES INSTALLED AFTER INSTALLATION OF THE MAIN LINE PIPE. | | | | | | | | | | | | | | | | |
| 1 | 3/4-WATER SERVICES | 1 | EA | \$750.00 | \$750.00 | \$487.00 | \$487.00 | \$880.00 | \$880.00 | \$1,500.00 | \$1,500.00 | \$800.00 | \$800.00 | \$1,300.00 | \$1,300.00 | \$974.34 | \$974.34 |
| 2 | 1-INCH WATER SERVICES | 1 | EA | \$850.00 | \$850.00 | \$488.00 | \$488.00 | \$945.00 | \$945.00 | \$1,600.00 | \$1,600.00 | \$950.00 | \$950.00 | \$1,400.00 | \$1,400.00 | \$1,091.25 | \$1,091.25 |
| 14 | CONNECTIONS TO EXISTING WATER MAINS | | | | | | | | | | | | | | | | |
| A | JUMPER PER STANDARD DETAIL #12B | 4 | EA | \$2,400.00 | \$9,600.00 | \$1,000.00 | \$4,000.00 | \$5,490.00 | \$21,960.00 | \$1,200.00 | \$4,800.00 | \$1,300.00 | \$5,200.00 | \$1,100.00 | \$4,400.00 | \$4,272.34 | \$17,089.34 |
| B | 24" X 16" TAPPING SLEEVE AND TAPPING VALVE (SHEET 2 OF PLANS, #560-99-192), NC 115 AT BAILEY ROAD NEAR STATION 0+00 | 1 | EA | \$13,000.00 | \$13,000.00 | \$10,000.00 | \$10,000.00 | \$23,900.00 | \$23,900.00 | \$11,000.00 | \$11,000.00 | \$12,000.00 | \$12,000.00 | \$7,420.00 | \$7,420.00 | \$9,090.10 | \$9,090.10 |
| C | CONNECTION TO AN EXISTING 24-INCH WATER MAIN AT STATION 0+18 (SHEET 2 OF PLANS #560-99-192), NC 115 AT BAILEY ROAD | 1 | EA | \$2,000.00 | \$2,000.00 | \$2,000.00 | \$2,000.00 | \$3,550.00 | \$3,550.00 | \$5,000.00 | \$5,000.00 | \$4,500.00 | \$4,500.00 | \$4,430.00 | \$4,430.00 | \$4,888.46 | \$4,888.46 |
| D | 8" X 8" TAPPING SLEEVE AND TAPPING VALVE (SHEET 4 OF PLANS #560-99-192), NC 115 AT MEADOW CROSSING LANE NEAR STATION 23+30 | 1 | EA | \$4,500.00 | \$4,500.00 | \$3,000.00 | \$3,000.00 | \$3,620.00 | \$3,620.00 | \$3,000.00 | \$3,000.00 | \$3,600.00 | \$3,600.00 | \$3,125.00 | \$3,125.00 | \$3,633.45 | \$3,633.45 |
| E | CONNECTION TO AN EXISTING 2-INCH WATER MAIN AT STATION 2+60 (SHEET 4 OF PLANS #560-99-192) ON EAST SIDE OF RAILROAD | 1 | EA | \$1,300.00 | \$1,300.00 | \$1,000.00 | \$1,000.00 | \$855.00 | \$855.00 | \$700.00 | \$700.00 | \$950.00 | \$950.00 | \$1,625.00 | \$1,625.00 | \$1,350.73 | \$1,350.73 |
| F | CONNECTION TO AN EXISTING 16-INCH WATER MAIN AT STATION 1+08 (SHEET 2 OF PLANS #560-05-033), NC 115 AT WASHAM POTTS ROAD | 1 | EA | \$6,000.00 | \$6,000.00 | \$1,500.00 | \$1,500.00 | \$2,640.00 | \$2,640.00 | \$13,500.00 | \$13,500.00 | \$5,000.00 | \$5,000.00 | \$12,320.00 | \$12,320.00 | \$2,974.10 | \$2,974.10 |
| G | 6" X 6" TAPPING SLEEVE AND TAPPING VALVE (SHEET 2 OF PLANS #560-05-033), ZION AVENUE AT SMITH ROAD NEAR STATION 5+62 | 1 | EA | \$3,900.00 | \$3,900.00 | \$2,200.00 | \$2,200.00 | \$3,140.00 | \$3,140.00 | \$2,300.00 | \$2,300.00 | \$4,500.00 | \$4,500.00 | \$2,700.00 | \$2,700.00 | \$3,184.19 | \$3,184.19 |
| H | CONNECTION TO AN EXISTING 12-INCH WATER MAIN AT STATION 17+81 (SHEET 3 OF PLANS #560-05-033), ZION AVENUE AT HICKORY STREET | 1 | EA | \$4,000.00 | \$4,000.00 | \$1,500.00 | \$1,500.00 | \$3,750.00 | \$3,750.00 | \$1,800.00 | \$1,800.00 | \$1,800.00 | \$1,800.00 | \$3,000.00 | \$3,000.00 | \$2,372.94 | \$2,372.94 |

| 24-INCH WATER MAIN ALONG NC HIGHWAY 115 | | | | 1 | | 2 | | 3 | | 4 | | 5 | | 6 | | 7 | | | | |
|---|--|-------|----|----------------------------------|-------------|---|-------------|-------------------------------|-------------|--|-------------|---|-------------|---|--------------|---|--------------|-------------|------------|--|
| | | | | R.H. Price, Inc. Matthews, NC | | Sanders Utility Construction Charlotte, NC | | Dellinger, Inc. Monroe, NC | | Propst Construction Company Concord, NC 28026 | | State Utility Contractors, Inc. Monroe, NC | | Cooper Construction Co., Inc. Hendersonville, NC | | Allied Resources, USA, Ltd. Huntersville, NC | | | | |
| 15 | LOCKOUT/TAGOUT DEVICE AT THE MAINLINE ISOLATION VALVE | | | 1 | EA | \$100.00 | \$100.00 | \$100.00 | \$100.00 | \$375.00 | \$375.00 | \$100.00 | \$100.00 | \$135.00 | \$135.00 | \$150.00 | \$150.00 | \$582.64 | \$582.64 | |
| 16 | DISINFECT ALL WATER MAINS, INCLUDING DISPOSAL OF THE RESIDUAL | | | | | | | | | | | | | | | | | | | |
| A | 24-INCH PIPE | 5,771 | LF | \$1.00 | \$5,771.00 | \$2.50 | \$14,427.50 | \$2.00 | \$11,542.00 | \$2.00 | \$11,542.00 | \$1.00 | \$5,771.00 | \$1.00 | \$5,771.00 | \$7.61 | \$43,902.88 | | | |
| B | 16-INCH PIPE | 195 | LF | \$1.00 | \$195.00 | \$2.50 | \$487.50 | \$8.00 | \$1,560.00 | \$1.00 | \$195.00 | \$1.00 | \$195.00 | \$1.00 | \$195.00 | \$7.50 | \$1,462.50 | | | |
| C | 12-INCH PIPE | 40 | LF | \$1.00 | \$40.00 | \$2.50 | \$100.00 | \$11.00 | \$440.00 | \$1.00 | \$40.00 | \$1.00 | \$40.00 | \$1.00 | \$40.00 | \$7.50 | \$300.00 | | | |
| D | 8-INCH PIPE | 20 | LF | \$1.00 | \$20.00 | \$2.50 | \$50.00 | \$11.00 | \$220.00 | \$1.00 | \$20.00 | \$1.00 | \$20.00 | \$1.00 | \$20.00 | \$7.50 | \$150.00 | | | |
| E | 6-INCH PIPE | 305 | LF | \$1.00 | \$305.00 | \$2.50 | \$762.50 | \$11.00 | \$3,355.00 | \$1.00 | \$305.00 | \$1.00 | \$305.00 | \$1.00 | \$305.00 | \$7.50 | \$2,287.50 | | | |
| 17 | STONE BEDDING AND STABILIZATION, WHERE NECESSARY | | | | | | | | | | | | | | | | | | | |
| A | ON 24-INCH PIPE & 16-INCH PIPE | 750 | LF | \$3.00 | \$2,250.00 | \$12.00 | \$9,000.00 | \$3.00 | \$2,250.00 | \$4.00 | \$3,000.00 | \$4.00 | \$3,000.00 | \$6.00 | \$4,500.00 | \$42.00 | \$31,500.00 | | | |
| B | ON 12-INCH & SMALLER PIPE | 100 | LF | \$2.00 | \$200.00 | \$8.00 | \$800.00 | \$3.00 | \$300.00 | \$2.00 | \$200.00 | \$1.00 | \$100.00 | \$7.50 | \$750.00 | \$31.50 | \$3,150.00 | | | |
| 18 | CONCRETE BLOCKING AND ENCASEMENT | | | | | | | | | | | | | | | | | | | |
| A | PLAIN CONCRETE BLOCKING | 5 | CY | \$200.00 | \$1,000.00 | \$200.00 | \$1,000.00 | \$400.00 | \$2,000.00 | \$300.00 | \$1,500.00 | \$300.00 | \$1,500.00 | \$205.00 | \$1,025.00 | \$250.00 | \$1,250.00 | | | |
| B | REINFORCED CONCRETE BLOCKING | 7 | CY | \$400.00 | \$2,800.00 | \$500.00 | \$3,500.00 | \$500.00 | \$3,500.00 | \$660.00 | \$4,620.00 | \$560.00 | \$3,920.00 | \$250.00 | \$1,750.00 | \$500.00 | \$3,500.00 | | | |
| 19 | POLYETHYLENE ENCASEMENT, OPEN-CUT APPLICATION, BETWEEN STATIONS 15+61 AND 16+68 | | | 107 | LF | \$1.00 | \$107.00 | \$2.50 | \$267.50 | \$4.00 | \$428.00 | \$6.00 | \$642.00 | \$9.00 | \$963.00 | \$4.00 | \$428.00 | \$1.68 | \$179.76 | |
| 20 | GUARANTEED CASING INSTALLATION (UNDER RAILROAD) | | | | | | | | | | | | | | | | | | | |
| A | 36-INCH (MINIMUM) DIAMETER CASING (T=0.562") WITH RESTRAINED JOINT 24-INCH DUCTILE IRON CARRIER PIPE | 110 | LF | \$500.00 | \$55,000.00 | \$552.00 | \$60,720.00 | \$500.00 | \$55,000.00 | \$500.00 | \$55,000.00 | \$520.00 | \$57,200.00 | \$1,000.00 | \$110,000.00 | \$1,447.48 | \$159,222.32 | | | |
| B | 30-INCH (MINIMUM) DIAMETER CASING (T=0.406") WITH RESTRAINED JOINT 16-INCH DUCTILE IRON CARRIER PIPE | 125 | LF | \$350.00 | \$43,750.00 | \$483.00 | \$60,375.00 | \$345.00 | \$43,125.00 | \$400.00 | \$50,000.00 | \$350.00 | \$43,750.00 | \$885.00 | \$110,625.00 | \$1,390.31 | \$173,789.06 | | | |
| C | 16-INCH (MINIMUM) DIAMETER CASING (T=0.281") WITH RESTRAINED JOINT 6-INCH DUCTILE IRON CARRIER PIPE | 98 | LF | \$200.00 | \$19,600.00 | \$422.00 | \$41,356.00 | \$230.00 | \$22,540.00 | \$300.00 | \$29,400.00 | \$210.00 | \$20,580.00 | \$550.00 | \$53,900.00 | \$1,327.91 | \$130,135.06 | | | |
| 21 | DRY-BORE WITH STEEL ENCASEMENT | | | | | | | | | | | | | | | | | | | |
| A | 36-INCH (MINIMUM) DIAMETER CASING (T=0.375") WITH RESTRAINED JOINT 24-INCH DUCTILE IRON CARRIER PIPE | 109 | LF | \$400.00 | \$43,600.00 | \$493.00 | \$53,737.00 | \$415.00 | \$45,235.00 | \$350.00 | \$38,150.00 | \$440.00 | \$47,960.00 | \$550.00 | \$59,950.00 | \$499.59 | \$54,455.72 | | | |
| B | GROUT INCOMPLETE CASING PIPE (36-INCH DIAMETER) | 10 | LF | \$20.00 | \$200.00 | \$30.00 | \$300.00 | \$135.00 | \$1,350.00 | \$10.00 | \$100.00 | \$30.00 | \$300.00 | \$75.00 | \$750.00 | \$106.25 | \$1,062.50 | | | |
| 22 | BORE PIT MOBILIZATION | | | | | | | | | | | | | | | | | | | |
| A | EXCAVATE AND BACKFILL BORE PITS | 4 | EA | \$1,000.00 | \$4,000.00 | \$100.00 | \$400.00 | \$1,640.00 | \$6,560.00 | \$500.00 | \$2,000.00 | \$975.00 | \$3,900.00 | \$3,500.00 | \$14,000.00 | \$1,875.00 | \$7,500.00 | | | |
| B | CONCRETE BARRIERS AT BORE PITS | 110 | LF | \$10.00 | \$1,100.00 | \$7.00 | \$770.00 | \$18.00 | \$1,980.00 | \$20.00 | \$2,200.00 | \$8.50 | \$935.00 | \$30.00 | \$3,300.00 | \$31.25 | \$3,437.50 | | | |
| 23 | CUT (SAW), REMOVE AND REPLACE ALL ASPHALTIC PAVEMENT (INCLUDING ANY CONCRETE ENCOUNTERED UNDER AN ASPHALTIC SURFACE TREATMENT) | | | | | | | | | | | | | | | | | | | |
| A | H-BINDER & I-1 OR I-2 | 160 | LF | \$49.00 | \$7,840.00 | \$60.00 | \$9,600.00 | \$56.00 | \$8,960.00 | \$50.00 | \$8,000.00 | \$60.00 | \$9,600.00 | \$60.00 | \$9,600.00 | \$248.63 | \$39,780.00 | | | |
| B | ONE-INCH OF I-1 OR I-2 OVERLAY | 15 | TN | \$200.00 | \$3,000.00 | \$110.00 | \$1,650.00 | \$190.00 | \$2,850.00 | \$200.00 | \$3,000.00 | \$150.00 | \$2,250.00 | \$200.00 | \$3,000.00 | \$115.00 | \$1,725.00 | | | |
| 24 | CUT, REMOVE AND REPLACE CONCRETE DRIVEWAYS (MINIMUM 6" DEEP WITH WIRE REINFORING) AND CONCRETE SIDEWALKS (MINIMUM 4" DEPTH) | | | 160 | LF | \$2.00 | \$320.00 | \$60.00 | \$9,600.00 | \$0.00 | \$80.00 | \$12,800.00 | \$75.00 | \$12,000.00 | \$48.00 | \$7,680.00 | \$350.00 | \$56,000.00 | | |
| A | DRIVEWAY | 13 | SY | \$70.00 | \$910.00 | \$60.00 | \$780.00 | \$58.00 | \$754.00 | \$80.00 | \$1,040.00 | \$75.00 | \$975.00 | \$76.00 | \$988.00 | \$85.00 | \$1,105.00 | | | |
| B | SIDEWALK | 48 | SY | \$60.00 | \$2,880.00 | \$60.00 | \$2,880.00 | \$44.00 | \$2,112.00 | \$80.00 | \$3,840.00 | \$75.00 | \$3,600.00 | \$67.00 | \$3,216.00 | \$65.00 | \$3,120.00 | | | |
| 25 | CUT, REMOVE AND REPLACE CONCRETE CURB AND GUTTER | | | 12 | LF | \$40.00 | \$480.00 | \$30.00 | \$360.00 | \$51.00 | \$612.00 | \$80.00 | \$960.00 | \$40.00 | \$480.00 | \$115.00 | \$1,380.00 | \$35.00 | \$420.00 | |
| 26 | RESTORE BRICK WALKWAYS | | | 5 | LF | \$50.00 | \$250.00 | \$25.00 | \$125.00 | \$87.00 | \$435.00 | \$100.00 | \$500.00 | \$100.00 | \$500.00 | \$65.00 | \$325.00 | \$55.00 | \$275.00 | |
| 27 | REMOVE AND REINSTALL OR REPLACE FENCING | | | 5 | LF | \$20.00 | \$100.00 | \$25.00 | \$125.00 | \$52.00 | \$260.00 | \$60.00 | \$300.00 | \$25.00 | \$125.00 | \$75.00 | \$375.00 | \$15.00 | \$75.00 | |
| 28 | SOFT SHOULDER SIGNS | | | 5 | EA | \$50.00 | \$250.00 | \$70.00 | \$350.00 | \$74.00 | \$370.00 | \$50.00 | \$250.00 | \$100.00 | \$500.00 | \$560.00 | \$2,800.00 | \$150.00 | \$750.00 | |
| 29 | CONSTRUCT AND MAINTAIN EROSION CONTROL DEVICES | | | | | | | | | | | | | | | | | | | |
| A | SILT FENCE (EROSION CONTROL STANDARD DETAIL 6.62) | 1,875 | LF | \$3.00 | \$5,625.00 | \$3.00 | \$5,625.00 | \$3.00 | \$5,625.00 | \$5.00 | \$9,375.00 | \$2.80 | \$5,250.00 | \$3.00 | \$5,625.00 | \$7.00 | \$13,125.00 | | | |
| B | JUTE NETTING | 50 | SY | \$4.00 | \$200.00 | \$5.00 | \$250.00 | \$5.00 | \$250.00 | \$5.00 | \$250.00 | \$4.00 | \$200.00 | \$3.00 | \$150.00 | \$188.00 | \$9,400.00 | | | |
| C | CURLEX BLANKET | 50 | SY | \$4.00 | \$200.00 | \$5.00 | \$250.00 | \$5.00 | \$250.00 | \$6.00 | \$300.00 | \$4.00 | \$200.00 | \$3.00 | \$150.00 | \$188.00 | \$9,400.00 | | | |
| D | DROP INLET PROTECTION (E.C. STANDARD DETAIL 6.51) | 2 | EA | \$100.00 | \$200.00 | \$100.00 | \$200.00 | \$190.00 | \$380.00 | \$100.00 | \$200.00 | \$100.00 | \$200.00 | \$60.00 | \$120.00 | \$250.00 | \$500.00 | | | |
| E | STONE-FILLED BURLAP BAGS (CMU E.C. STANDARD DETAIL 2) | 4 | EA | \$50.00 | \$200.00 | \$50.00 | \$200.00 | \$71.00 | \$284.00 | \$50.00 | \$200.00 | \$50.00 | \$200.00 | \$10.00 | \$40.00 | \$500.00 | \$2,000.00 | | | |
| F | STONE SILT CHECK DAMS (E.C. STANDARD DETAIL 6.83) | 4 | EA | \$50.00 | \$200.00 | \$100.00 | \$400.00 | \$190.00 | \$760.00 | \$60.00 | \$240.00 | \$100.00 | \$400.00 | \$90.00 | \$360.00 | \$250.00 | \$1,000.00 | | | |
| 30 | TREE PROTECTION - BARRIERS | | | 8 | EA | \$100.00 | \$800.00 | \$100.00 | \$800.00 | \$320.00 | \$2,560.00 | \$50.00 | \$400.00 | \$150.00 | \$1,200.00 | \$200.00 | \$1,600.00 | \$15.00 | \$120.00 | |
| 31 | STONE RIP-RAP | | | 20 | SY | \$50.00 | \$1,000.00 | \$39.00 | \$780.00 | \$80.00 | \$1,600.00 | \$50.00 | \$900.00 | \$65.00 | \$1,300.00 | \$47.00 | \$940.00 | | | |
| 32 | PIPELINE MARKER SIGNS AT RAILROAD | | | 8 | EA | \$200.00 | \$1,600.00 | \$100.00 | \$800.00 | \$230.00 | \$1,840.00 | \$100.00 | \$800.00 | \$250.00 | \$2,000.00 | \$160.00 | \$1,280.00 | \$150.00 | \$1,200.00 | |
| 33 | LOCATING UNDERGROUND UTILITIES | | | 30 | EA | \$20.00 | \$600.00 | \$15.00 | \$450.00 | \$255.00 | \$7,650.00 | \$50.00 | \$1,500.00 | \$50.00 | \$1,500.00 | \$25.00 | \$750.00 | \$50.00 | \$1,500.00 | |
| 34 | RELOCATING UNDERGROUND UTILITIES | | | | | | | | | | | | | | | | | | | |
| A | TELEPHONE CABLES | 50 | LF | \$8.00 | \$400.00 | \$3.00 | \$150.00 | \$36.00 | \$1,800.00 | \$20.00 | \$1,000.00 | \$3.00 | \$150.00 | \$6.00 | \$300.00 | \$20.00 | \$1,000.00 | | | |
| B | POWER CABLES | 20 | LF | \$8.00 | \$160.00 | \$3.00 | \$60.00 | \$40.00 | \$800.00 | \$20.00 | \$400.00 | \$3.00 | \$60.00 | \$6.00 | \$120.00 | \$25.00 | \$500.00 | | | |
| C | TV CABLES | 25 | LF | \$8.00 | \$200.00 | \$3.00 | \$75.00 | \$20.00 | \$500.00 | \$20.00 | \$500.00 | \$3.00 | \$75.00 | \$6.00 | \$150.00 | \$20.00 | \$500.00 | | | |
| D | NATURAL GAS MAINS | 10 | LF | \$8.00 | \$80.00 | \$3.00 | \$30.00 | \$80.00 | \$800.00 | \$20.00 | \$80.00 | \$3.00 | \$30.00 | \$8.00 | \$80.00 | \$50.00 | \$500.00 | | | |
| E | FIBER OPTIC CABLES | 30 | LF | \$8.00 | \$240.00 | \$3.00 | \$90.00 | \$80.00 | \$2,400.00 | \$20.00 | \$600.00 | \$3.00 | \$90.00 | \$8.00 | \$240.00 | \$100.00 | \$3,000.00 | | | |

| 24-INCH WATER MAIN ALONG NC HIGHWAY 115 | | | | 1 | | 2 | | 3 | | 4 | | 5 | | 6 | | 7 | |
|---|--|-----|----|----------------------------------|--------------|---|--------------|-------------------------------|----------------|--|----------------|---|----------------|---|----------------|---|----------------|
| | | | | R.H. Price, Inc. Matthews, NC | | Sanders Utility Construction Charlotte, NC | | Dellinger, Inc. Monroe, NC | | Propst Construction Company Concord, NC 28026 | | State Utility Contractors, Inc. Monroe, NC | | Cooper Construction Co., Inc. Hendersonville, NC | | Allied Resources, USA, Ltd. Huntersville, NC | |
| 35 | LOG AND OPERATE EXISTING VALVES | 1 | EA | \$100.00 | \$100.00 | \$500.00 | \$500.00 | \$1,050.00 | \$1,050.00 | \$100.00 | \$100.00 | \$200.00 | \$200.00 | \$50.00 | \$50.00 | \$75.00 | \$75.00 |
| 36 | LOCATE AND ADJUST EXISTING UTILITIES TO-GRADE, INCLUDING VALVE BOXES (WATER & GAS), WATER METERS, SIGNAL BOXES, ETC. | 5 | EA | \$200.00 | \$1,000.00 | \$500.00 | \$2,500.00 | \$1,420.00 | \$7,100.00 | \$100.00 | \$500.00 | \$275.00 | \$1,375.00 | \$30.00 | \$150.00 | \$150.00 | \$750.00 |
| 37 | RELOCATE EXISTING UTILITY POLES | 1 | EA | \$500.00 | \$500.00 | \$5,000.00 | \$5,000.00 | \$2,950.00 | \$2,950.00 | \$1,500.00 | \$1,500.00 | \$1,500.00 | \$1,500.00 | \$14,000.00 | \$14,000.00 | \$5,000.00 | \$5,000.00 |
| 38 | RELOCATE EXISTING LAMP POSTS | 2 | EA | \$500.00 | \$1,000.00 | \$1,000.00 | \$2,000.00 | \$985.00 | \$1,970.00 | \$500.00 | \$1,000.00 | \$750.00 | \$1,500.00 | \$1,000.00 | \$2,000.00 | \$1,000.00 | \$2,000.00 |
| 39 | STORM DRAIN REPLACEMENT | | | | | | | | | | | | | | | | |
| A | REMOVE AND REPLACE STORM DRAIN PIPE (REUSE EXISTING PIPE) | 50 | LF | \$10.00 | \$500.00 | \$10.00 | \$500.00 | \$41.00 | \$2,050.00 | \$50.00 | \$2,500.00 | \$14.00 | \$700.00 | \$35.00 | \$1,750.00 | \$20.00 | \$1,000.00 |
| B | SUBSTITUTE NEW CLASS III RCP | | | | | | | | | | | | | | | | |
| 1 | 12" DIAMETER & SMALLER | 10 | LF | \$11.00 | \$110.00 | \$15.00 | \$150.00 | \$46.00 | \$460.00 | \$70.00 | \$700.00 | \$28.00 | \$280.00 | \$48.00 | \$480.00 | \$12.00 | \$120.00 |
| 2 | 15" DIAMETER | 50 | LF | \$12.00 | \$600.00 | \$20.00 | \$1,000.00 | \$49.00 | \$2,450.00 | \$80.00 | \$4,000.00 | \$30.00 | \$1,500.00 | \$49.00 | \$2,450.00 | \$12.00 | \$600.00 |
| 3 | 18" DIAMETER & LARGER | 100 | LF | \$14.00 | \$1,400.00 | \$25.00 | \$2,500.00 | \$52.00 | \$5,200.00 | \$80.00 | \$8,000.00 | \$38.00 | \$3,800.00 | \$51.00 | \$5,100.00 | \$18.00 | \$1,800.00 |
| 4 | 24" DIAMETER & LARGER | 20 | LF | \$22.00 | \$440.00 | \$50.00 | \$1,000.00 | \$82.00 | \$1,640.00 | \$80.00 | \$1,600.00 | \$55.00 | \$1,100.00 | \$59.00 | \$1,180.00 | \$22.00 | \$440.00 |
| 40 | TREE REPLACEMENT | | | | | | | | | | | | | | | | |
| A | 2-INCH TO 4-INCH CALIPER TREES | 13 | EA | \$400.00 | \$5,200.00 | \$800.00 | \$10,400.00 | \$655.00 | \$8,515.00 | \$700.00 | \$9,100.00 | \$160.00 | \$2,080.00 | \$450.00 | \$5,850.00 | \$750.00 | \$9,750.00 |
| B | 4-INCH TO 6-INCH CALIPER TREES | 1 | EA | \$1,200.00 | \$1,200.00 | \$900.00 | \$900.00 | \$855.00 | \$855.00 | \$850.00 | \$850.00 | \$250.00 | \$250.00 | \$600.00 | \$600.00 | \$975.00 | \$975.00 |
| C | SHRUBS | 2 | EA | \$350.00 | \$700.00 | \$75.00 | \$150.00 | \$55.00 | \$110.00 | \$80.00 | \$160.00 | \$75.00 | \$150.00 | \$175.00 | \$350.00 | \$62.50 | \$125.00 |
| D | FERTILIZE TREES AND SHRUBS | 16 | EA | \$300.00 | \$4,800.00 | \$130.00 | \$2,080.00 | \$20.00 | \$320.00 | \$140.00 | \$2,240.00 | \$75.00 | \$1,200.00 | \$52.00 | \$832.00 | \$31.25 | \$500.00 |
| 41 | REMOVE SOLID ROCK | 10 | CY | \$150.00 | \$1,500.00 | \$100.00 | \$1,000.00 | \$200.00 | \$2,000.00 | \$150.00 | \$1,500.00 | \$75.00 | \$750.00 | \$110.00 | \$1,100.00 | \$100.00 | \$1,000.00 |
| | | | | | | | | | | | | | | | | | |
| | SUBTOTAL (ITEMS 1-41) | | | | \$895,411.00 | | \$899,672.50 | | \$980,326.00 | | \$1,006,565.00 | | \$1,053,482.00 | | \$1,313,001.00 | | \$1,441,637.19 |
| 42 | FOR MOBILIZATION TO THE PROJECT SITE, AS SPECIFIED (PLEASE ENTER A NUMBER TO REPRESENT A PERCENTAGE OF SUBTOTAL LESS THAN OR EQUAL TO 2%) (i.e. ENTER "2" TO REPRESENT "2%") | | | 1% | \$8,954.11 | 2% | \$17,993.45 | 2% | \$19,606.52 | 2% | \$20,131.30 | 2% | \$21,069.64 | 2% | \$26,260.02 | 2.00% | \$28,832.74 |
| | SUB-SUBTOTAL (ITEMS 1-42) | | | | \$904,365.11 | | \$917,665.95 | | \$999,932.52 | | \$1,026,696.30 | | \$1,074,551.64 | | \$1,339,261.02 | | \$1,470,469.93 |
| 43 | CONTINGENCY ALLOWANCE (5% OF SUB-SUBTOTAL) | | | | \$45,218.26 | | \$45,883.30 | | \$49,996.63 | | \$51,334.82 | | \$53,727.58 | | \$66,963.05 | | \$73,523.50 |
| | TOTAL BID (ITEMS 1-43) | | | | \$949,583.37 | | \$963,549.25 | | \$1,049,929.15 | | \$1,078,031.12 | | \$1,128,279.22 | | \$1,406,224.07 | | \$1,543,993.43 |

| 24-INCH WATER MAIN ALONG NC HIGHWAY 115 | | | | 8 | | 9 | |
|---|--|-------|-----|---|--------------|---|----------------|
| | | | | Buckeye Construction Co., Inc. Canton, NC | | D.O.T Construction, Inc. Charlotte, NC | |
| 1 | DUCTILE IRON WATER DISTRIBUTION PIPE, WITH PUSH-ON JOINTS | | | | | | |
| A | 24-INCH WATER MAIN PIPE (PRESSURE CLASS 250) | 5,661 | LF | \$130.40 | \$738,194.40 | \$195.00 | \$1,103,895.00 |
| B | 16-INCH WATER MAIN PIPE (PRESSURE CLASS 250), REGARDLESS OF DEPTH | 70 | LF | \$134.55 | \$9,418.50 | \$110.00 | \$7,700.00 |
| C | 12-INCH WATER MAIN PIPE (PRESSURE CLASS 350), REGARDLESS OF DEPTH | 40 | LF | \$116.05 | \$4,642.00 | \$110.00 | \$4,400.00 |
| D | 8-INCH WATER MAIN PIPE (PRESSURE CLASS 350), REGARDLESS OF DEPTH | 20 | LF | \$83.60 | \$1,672.00 | \$110.00 | \$2,200.00 |
| E | 6-INCH WATER MAIN PIPE (PRESSURE CLASS 350), REGARDLESS OF DEPTH | 207 | LF | \$68.40 | \$14,158.80 | \$110.00 | \$22,770.00 |
| 2 | VERTICAL ADJUSTMENTS TO THE PROPOSED 24-INCH WATER MAIN PROFILE | 865 | VLF | \$18.10 | \$15,656.50 | \$75.00 | \$64,875.00 |
| 3 | SUBSTITUTE RESTRAINED JOINT DUCTILE IRON PIPE (ADD ON TO ITEM 1) | | | | | | |
| A | 24-INCH WATER MAIN PIPE (PRESSURE CLASS 250) | 110 | LF | \$54.90 | \$6,039.00 | \$245.00 | \$26,950.00 |
| B | 16-INCH WATER MAIN PIPE (PRESSURE CLASS 250) | 50 | LF | \$36.05 | \$1,802.50 | \$140.00 | \$7,000.00 |
| C | 12-INCH WATER MAIN PIPE (PRESSURE CLASS 350) | 40 | LF | \$19.60 | \$784.00 | \$90.00 | \$3,600.00 |
| D | 8-INCH WATER MAIN PIPE (PRESSURE CLASS 350) | 20 | LF | \$16.60 | \$332.00 | \$80.00 | \$1,600.00 |
| E | 6-INCH WATER MAIN PIPE (PRESSURE CLASS 350) | 207 | LF | \$15.50 | \$3,208.50 | \$75.00 | \$15,525.00 |
| 4 | REPLACE EXISTING SANITARY SEWER 8-INCH DUCTILE IRON PIPE (PC 350) | 160 | LF | \$91.35 | \$14,616.00 | \$125.00 | \$20,000.00 |
| 5 | ADDITIONAL FITTINGS NOT INDICATED ON THE PLANS | 2,400 | LBS | \$4.30 | \$10,320.00 | \$5.00 | \$12,000.00 |
| 6 | DIRECT-BURY BUTTERFLY VALVES, INCLUDING VALVE BOXES AND CONCRETE PAD | | | | | | |
| A | 24" BUTTERFLY VALVE | 5 | EA | \$6,780.00 | \$33,900.00 | \$17,500.00 | \$87,500.00 |
| B | 16" BUTTERFLY VALVE | 1 | EA | \$3,570.00 | \$3,570.00 | \$9,250.00 | \$9,250.00 |
| 7 | 6" MAIN LINE GATE VALVE, INCLUDING VALVE BOX AND CONCRETE PAD | 2 | EA | \$770.00 | \$1,540.00 | \$2,400.00 | \$4,800.00 |
| 8 | VALVE EXTENSION STEMS | | | | | | |
| A | BASE STEM TO 5' IN LENGTH | 7 | EA | \$151.00 | \$1,057.00 | \$187.00 | \$1,309.00 |
| B | EXTRA LENGTH PER FOOT | 7 | VF | \$46.70 | \$326.90 | \$70.00 | \$490.00 |
| 9 | 2-INCH RED BRASS MANUAL AIR RELEASE VALVES ON 24-INCH PIPE | 4 | EA | \$1,290.00 | \$5,160.00 | \$1,520.00 | \$6,080.00 |
| 10 | 2-INCH RED BRASS OR DUCTILE IRON BLOW-OFFS | | | | | | |
| A | ON 16-INCH PIPE (INCLUDING THRUST RING PER STD. DTL. #10) | 1 | EA | \$7,250.00 | \$7,250.00 | \$6,270.00 | \$6,270.00 |
| 11 | FIRE HYDRANTS, INCLUDING HYDRANT LEGS AND 6" GATE VALVES | | | | | | |
| A | WITH SWIVEL TEE ON 24-INCH PIPE | 3 | EA | \$5,650.00 | \$16,950.00 | \$17,600.00 | \$52,800.00 |
| B | WITH SWIVEL TEE ON 6-INCH PIPE | 1 | EA | \$3,375.00 | \$3,375.00 | \$6,200.00 | \$6,200.00 |
| 12 | FIRE HYDRANT EXTENSIONS | 5 | VF | \$416.00 | \$2,080.00 | \$715.00 | \$3,575.00 |
| 13 | WATER SERVICES | | | | | | |
| A | COPPER TUBING (TYPE K) - OPEN CUT METHOD | | | | | | |
| 1 | 3/4-INCH TUBING | 10 | LF | \$16.00 | \$160.00 | \$50.00 | \$500.00 |
| 2 | 1-INCH TUBING | 10 | LF | \$17.50 | \$175.00 | \$50.00 | \$500.00 |
| B | COPPER TUBING (TYPE K) - PUNCH METHOD | | | | | | |
| 1 | 3/4-INCH TUBING | 10 | LF | \$20.65 | \$206.50 | \$75.00 | \$750.00 |
| 2 | 1-INCH TUBING | 10 | LF | \$22.15 | \$221.50 | \$75.00 | \$750.00 |
| C | WATER SERVICES INSTALLED AS PART OF THE MAIN LINE PIPE INSTALLATION | | | | | | |
| 1 | 3/4-INCH WATER SERVICES | 1 | EA | \$771.00 | \$771.00 | \$1,200.00 | \$1,200.00 |
| 2 | 1-INCH WATER SERVICES | 1 | EA | \$875.00 | \$875.00 | \$1,200.00 | \$1,200.00 |
| D | WATER SERVICES INSTALLED AFTER INSTALLATION OF THE MAIN LINE PIPE. | | | | | | |
| 1 | 3/4-WATER SERVICES | 1 | EA | \$790.00 | \$790.00 | \$1,500.00 | \$1,500.00 |
| 2 | 1-INCH WATER SERVICES | 1 | EA | \$895.00 | \$895.00 | \$1,500.00 | \$1,500.00 |
| 14 | CONNECTIONS TO EXISTING WATER MAINS | | | | | | |
| A | JUMPER PER STANDARD DETAIL #12B | 4 | EA | \$620.00 | \$2,480.00 | \$1,425.00 | \$5,700.00 |
| B | 24" X 16" TAPPING SLEEVE AND TAPPING VALVE (SHEET 2 OF PLANS, #560-99-192), NC 115 AT BAILEY ROAD NEAR STATION 0+00 | 1 | EA | \$12,795.00 | \$12,795.00 | \$17,500.00 | \$17,500.00 |
| C | CONNECTION TO AN EXISTING 24-INCH WATER MAIN AT STATION 0+18 (SHEET 2 OF PLANS #560-99-192), NC 115 AT BAILEY ROAD | 1 | EA | \$3,685.00 | \$3,685.00 | \$8,100.00 | \$8,100.00 |
| D | 8" X 8" TAPPING SLEEVE AND TAPPING VALVE (SHEET 4 OF PLANS #560-99-192), NC 115 AT MEADOW CROSSING LANE NEAR STATION 23+30 | 1 | EA | \$7,375.00 | \$7,375.00 | \$4,515.00 | \$4,515.00 |
| E | CONNECTION TO AN EXISTING 2-INCH WATER MAIN AT STATION 2+60 (SHEET 4 OF PLANS #560-99-192) ON EAST SIDE OF RAILROAD | 1 | EA | \$2,420.00 | \$2,420.00 | \$375.00 | \$375.00 |
| F | CONNECTION TO AN EXISTING 16-INCH WATER MAIN AT STATION 1+08 (SHEET 2 OF PLANS #560-05-033), NC 115 AT WASHAM POTTS ROAD | 1 | EA | \$2,750.00 | \$2,750.00 | \$3,150.00 | \$3,150.00 |
| G | 6" X 6" TAPPING SLEEVE AND TAPPING VALVE (SHEET 2 OF PLANS #560-05-033), ZION AVENUE AT SMITH ROAD NEAR STATION 5+62 | 1 | EA | \$5,480.00 | \$5,480.00 | \$3,830.00 | \$3,830.00 |

| 24-INCH WATER MAIN ALONG NC HIGHWAY 115 | | | | 8 | | 9 | |
|---|--|-------|----|---|--------------|---|--------------|
| | | | | Buckeye Construction Co., Inc. Canton, NC | | D.O.T Construction, Inc. Charlotte, NC | |
| H | CONNECTION TO AN EXISTING 12-INCH WATER MAIN AT STATION 17+81 (SHEET 3 OF PLANS #560-05-033), ZION AVENUE AT HICKORY STREET | 1 | EA | \$2,170.00 | \$2,170.00 | \$1,780.00 | \$1,780.00 |
| 15 | LOCKOUT/TAGOUT DEVICE AT THE MAINLINE ISOLATION VALVE | 1 | EA | \$140.00 | \$140.00 | \$260.00 | \$260.00 |
| 16 | DISINFECT ALL WATER MAINS, INCLUDING DISPOSAL OF THE RESIDUAL | | | | | | |
| A | 24-INCH PIPE | 5,771 | LF | \$3.25 | \$18,755.75 | \$3.00 | \$17,313.00 |
| B | 16-INCH PIPE | 195 | LF | \$2.70 | \$526.50 | \$2.00 | \$390.00 |
| C | 12-INCH PIPE | 40 | LF | \$1.10 | \$44.00 | \$2.00 | \$80.00 |
| D | 8-INCH PIPE | 20 | LF | \$0.95 | \$19.00 | \$2.00 | \$40.00 |
| E | 6-INCH PIPE | 305 | LF | \$0.95 | \$289.75 | \$2.00 | \$610.00 |
| 17 | STONE BEDDING AND STABILIZATION, WHERE NECESSARY | | | | | | |
| A | ON 24-INCH PIPE & 16-INCH PIPE | 750 | LF | \$14.40 | \$10,800.00 | \$5.00 | \$3,750.00 |
| B | ON 12-INCH & SMALLER PIPE | 100 | LF | \$7.40 | \$740.00 | \$4.00 | \$400.00 |
| 18 | CONCRETE BLOCKING AND ENCASEMENT | | | | | | |
| A | PLAIN CONCRETE BLOCKING | 5 | CY | \$230.00 | \$1,150.00 | \$185.00 | \$925.00 |
| B | REINFORCED CONCRETE BLOCKING | 7 | CY | \$255.00 | \$1,785.00 | \$210.00 | \$1,470.00 |
| 19 | POLYETHYLENE ENCASEMENT, OPEN-CUT APPLICATION, BETWEEN STATIONS 15+61 AND 16+68 | 107 | LF | \$7.70 | \$823.90 | \$1.00 | \$107.00 |
| 20 | GUARANTEED CASING INSTALLATION (UNDER RAILROAD) | | | | | | |
| A | 36-INCH (MINIMUM) DIAMETER CASING (T=0.562") WITH RESTRAINED JOINT 24-INCH DUCTILE IRON CARRIER PIPE | 110 | LF | \$1,302.00 | \$143,220.00 | \$1,827.00 | \$200,970.00 |
| B | 30-INCH (MINIMUM) DIAMETER CASING (T=0.406") WITH RESTRAINED JOINT 16-INCH DUCTILE IRON CARRIER PIPE | 125 | LF | \$1,245.00 | \$155,625.00 | \$1,670.00 | \$208,750.00 |
| C | 16-INCH (MINIMUM) DIAMETER CASING (T=0.281") WITH RESTRAINED JOINT 6-INCH DUCTILE IRON CARRIER PIPE | 98 | LF | \$1,195.00 | \$117,110.00 | \$1,350.00 | \$132,300.00 |
| 21 | DRY-BORE WITH STEEL ENCASEMENT | | | | | | |
| A | 36-INCH (MINIMUM) DIAMETER CASING (T=0.375") WITH RESTRAINED JOINT 24-INCH DUCTILE IRON CARRIER PIPE | 109 | LF | \$465.00 | \$50,685.00 | \$585.00 | \$63,765.00 |
| B | GROUT INCOMPLETE CASING PIPE (36-INCH DIAMETER) | 10 | LF | \$60.00 | \$600.00 | \$85.00 | \$850.00 |
| 22 | BORE PIT MOBILIZATION | | | | | | |
| A | EXCAVATE AND BACKFILL BORE PITS | 4 | EA | \$1,435.00 | \$5,740.00 | \$2,500.00 | \$10,000.00 |
| B | CONCRETE BARRIERS AT BORE PITS | 110 | LF | \$6.00 | \$660.00 | \$25.00 | \$2,750.00 |
| 23 | CUT (SAW), REMOVE AND REPLACE ALL ASPHALTIC PAVEMENT (INCLUDING ANY CONCRETE ENCOUNTERED UNDER AN ASPHALTIC SURFACE TREATMENT) | | | | | | |
| A | H-BINDER & I-1 OR I-2 | 160 | LF | \$69.20 | \$11,072.00 | \$35.00 | \$5,600.00 |
| B | ONE-INCH OF I-1 OR I-2 OVERLAY | 15 | TN | \$192.00 | \$2,880.00 | \$150.00 | \$2,250.00 |
| 24 | CUT, REMOVE AND REPLACE CONCRETE DRIVEWAYS (MINIMUM 6" DEEP WITH WIRE REINFORING) AND CONCRETE SIDEWALKS (MINIMUM 4" DEPTH) | 160 | LF | | \$0.00 | \$18.00 | \$2,880.00 |
| A | DRIVEWAY | 13 | SY | \$62.20 | \$808.60 | \$57.00 | \$741.00 |
| B | SIDEWALK | 48 | SY | \$56.20 | \$2,697.60 | \$55.00 | \$2,640.00 |
| 25 | CUT, REMOVE AND REPLACE CONCRETE CURB AND GUTTER | 12 | LF | \$37.10 | \$445.20 | \$10.00 | \$120.00 |
| 26 | RESTORE BRICK WALKWAYS | 5 | LF | \$73.00 | \$365.00 | \$50.00 | \$250.00 |
| 27 | REMOVE AND REINSTALL OR REPLACE FENCING | 5 | LF | \$8.35 | \$41.75 | \$75.00 | \$375.00 |
| 28 | SOFT SHOULDER SIGNS | 5 | EA | \$75.00 | \$375.00 | \$100.00 | \$500.00 |
| 29 | CONSTRUCT AND MAINTAIN EROSION CONTROL DEVICES | | | | | | |
| A | SILT FENCE (EROSION CONTROL STANDARD DETAIL 6.62) | 1,875 | LF | \$3.35 | \$6,281.25 | \$3.00 | \$5,625.00 |
| B | JUTE NETTING | 50 | SY | \$2.10 | \$105.00 | \$10.00 | \$500.00 |
| C | CURLEX BLANKET | 50 | SY | \$2.20 | \$110.00 | \$25.00 | \$1,250.00 |
| D | DROP INLET PROTECTION (E.C. STANDARD DETAIL 6.51) | 2 | EA | \$80.00 | \$160.00 | \$120.00 | \$240.00 |
| E | STONE-FILLED BURLAP BAGS (CMU E.C. STANDARD DETAIL 2) | 4 | EA | \$40.20 | \$160.80 | \$120.00 | \$480.00 |
| F | STONE SILT CHECK DAMS (E.C. STANDARD DETAIL 6.83) | 4 | EA | \$80.00 | \$320.00 | \$250.00 | \$1,000.00 |
| 30 | TREE PROTECTION - BARRIERS | 8 | EA | \$95.00 | \$760.00 | \$85.00 | \$680.00 |
| 31 | STONE RIP-RAP | 20 | SY | \$39.50 | \$790.00 | \$45.00 | \$900.00 |
| 32 | PIPELINE MARKER SIGNS AT RAILROAD | 8 | EA | \$145.00 | \$1,160.00 | \$125.00 | \$1,000.00 |
| 33 | LOCATING UNDERGROUND UTILITIES | 30 | EA | \$48.30 | \$1,449.00 | \$20.00 | \$600.00 |
| 34 | RELOCATING UNDERGROUND UTILITIES | | | | | | |
| A | TELEPHONE CABLES | 50 | LF | \$3.65 | \$182.50 | \$25.00 | \$1,250.00 |
| B | POWER CABLES | 20 | LF | \$3.65 | \$73.00 | \$25.00 | \$500.00 |

| 24-INCH WATER MAIN ALONG NC HIGHWAY 115 | | | | 8 | | 9 | |
|---|--|-----|----|---|----------------|---|----------------|
| | | | | Buckeye Construction Co., Inc. Canton, NC | | D.O.T Construction, Inc. Charlotte, NC | |
| C | TV CABLES | 25 | LF | \$3.65 | \$91.25 | \$25.00 | \$625.00 |
| D | NATURAL GAS MAINS | 10 | LF | \$3.65 | \$36.50 | \$25.00 | \$250.00 |
| E | FIBER OPTIC CABLES | 30 | LF | \$3.65 | \$109.50 | \$50.00 | \$1,500.00 |
| 35 | LOG AND OPERATE EXISTING VALVES | 1 | EA | \$100.00 | \$100.00 | \$500.00 | \$500.00 |
| 36 | LOCATE AND ADJUST EXISTING UTILITIES TO-GRADE, INCLUDING VALVE BOXES (WATER & GAS), WATER METERS, SIGNAL BOXES, ETC. | 5 | EA | \$150.00 | \$750.00 | \$500.00 | \$2,500.00 |
| 37 | RELOCATE EXISTING UTILITY POLES | 1 | EA | \$5,890.00 | \$5,890.00 | \$700.00 | \$700.00 |
| 38 | RELOCATE EXISTING LAMP POSTS | 2 | EA | \$3,600.00 | \$7,200.00 | \$750.00 | \$1,500.00 |
| 39 | STORM DRAIN REPLACEMENT | | | | | | |
| A | REMOVE AND REPLACE STORM DRAIN PIPE (REUSE EXISTING PIPE) | 50 | LF | \$20.70 | \$1,035.00 | \$55.00 | \$2,750.00 |
| B | SUBSTITUTE NEW CLASS III RCP | | | | | | |
| 1 | 12" DIAMETER & SMALLER | 10 | LF | \$15.95 | \$159.50 | \$65.00 | \$650.00 |
| 2 | 15" DIAMETER | 50 | LF | \$16.50 | \$825.00 | \$75.00 | \$3,750.00 |
| 3 | 18" DIAMETER & LARGER | 100 | LF | \$17.50 | \$1,750.00 | \$80.00 | \$8,000.00 |
| 4 | 24" DIAMETER & LARGER | 20 | LF | \$25.65 | \$513.00 | \$105.00 | \$2,100.00 |
| 40 | TREE REPLACEMENT | | | | | | |
| A | 2-INCH TO 4-INCH CALIPER TREES | 13 | EA | \$720.00 | \$9,360.00 | \$550.00 | \$7,150.00 |
| B | 4-INCH TO 6-INCH CALIPER TREES | 1 | EA | \$935.00 | \$935.00 | \$650.00 | \$650.00 |
| C | SHRUBS | 2 | EA | \$60.00 | \$120.00 | \$80.00 | \$160.00 |
| D | FERTILIZE TREES AND SHRUBS | 16 | EA | \$24.00 | \$384.00 | \$25.00 | \$400.00 |
| 41 | REMOVE SOLID ROCK | 10 | CY | \$79.00 | \$790.00 | \$314.00 | \$3,140.00 |
| | SUBTOTAL (ITEMS 1-41) | | | | \$1,508,301.45 | | \$2,234,075.00 |
| 42 | FOR MOBILIZATION TO THE PROJECT SITE, AS SPECIFIED (PLEASE ENTER A NUMBER TO REPRESENT A PERCENTAGE OF SUBTOTAL LESS THAN OR EQUAL TO 2%) (i.e. ENTER "2" TO REPRESENT "2%") | | | 2% | \$30,166.03 | \$0.02 | \$44,681.50 |
| | SUB-SUBTOTAL (ITEMS 1-42) | | | | \$1,538,467.48 | | \$2,278,756.50 |
| 43 | CONTINGENCY ALLOWANCE (5% OF SUB-SUBTOTAL) | | | | \$76,923.37 | | \$113,937.83 |
| | TOTAL BID (ITEMS 1-43) | | | | \$1,615,390.85 | | \$2,392,694.33 |